

Fig. 1

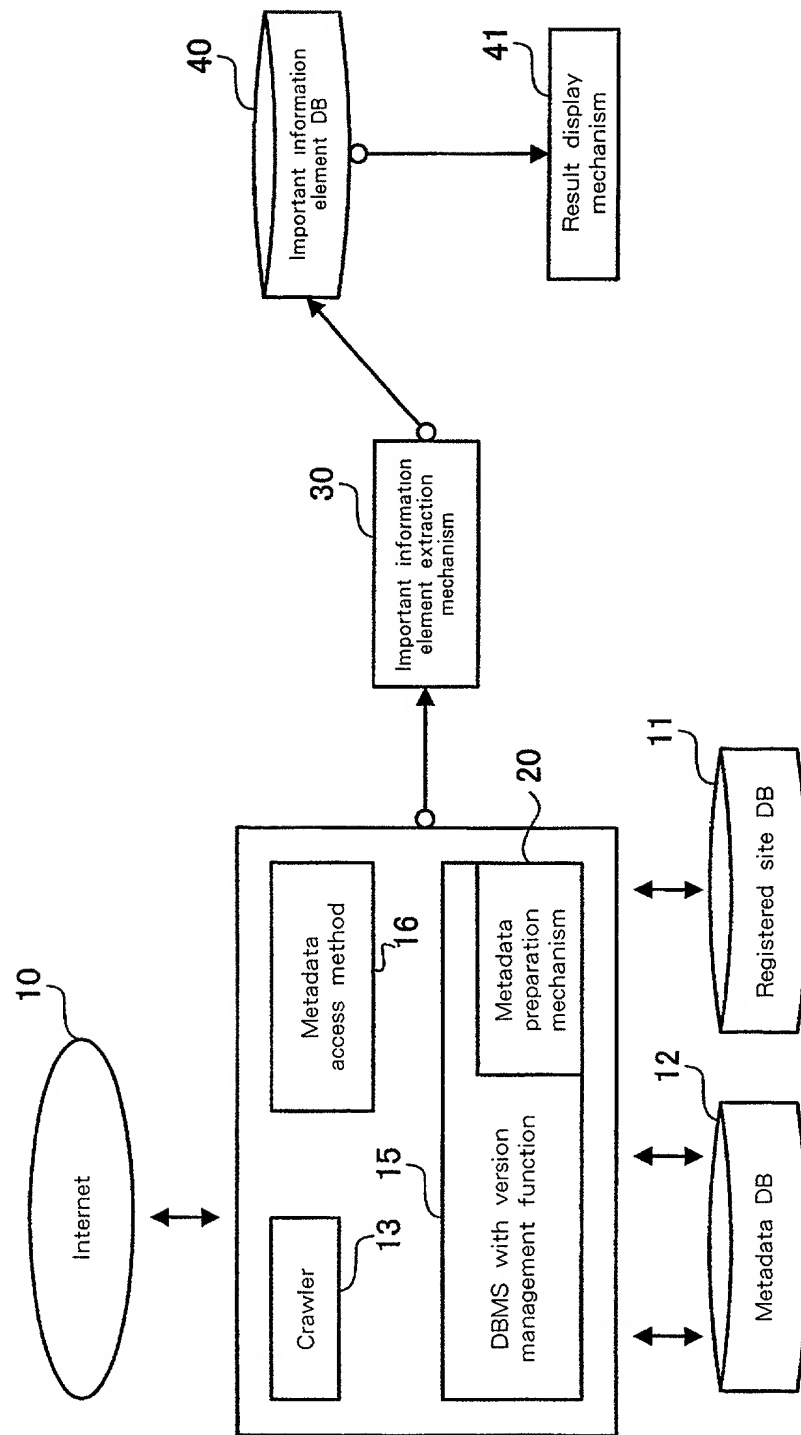


Fig. 2

Example registered site

```
<site>
  <url>http://www.ibm.co.jp/</url>
  <name>IBM Japan Homepage</name>
</site>
<site>
  <url>http://www.ibm.com/</url>
  <name>IBM Corporation</name>
</site>
<site>
  <url>http://www.jp.ibm.com/shop/</url>
  <name>IBM Japan, "Shopping" </name>
</site>
<site>
  <url>http://www.jp.ibm.com/developerworks/</url>
  <name>developerWorks</name>
</site>
```

Fig. 3

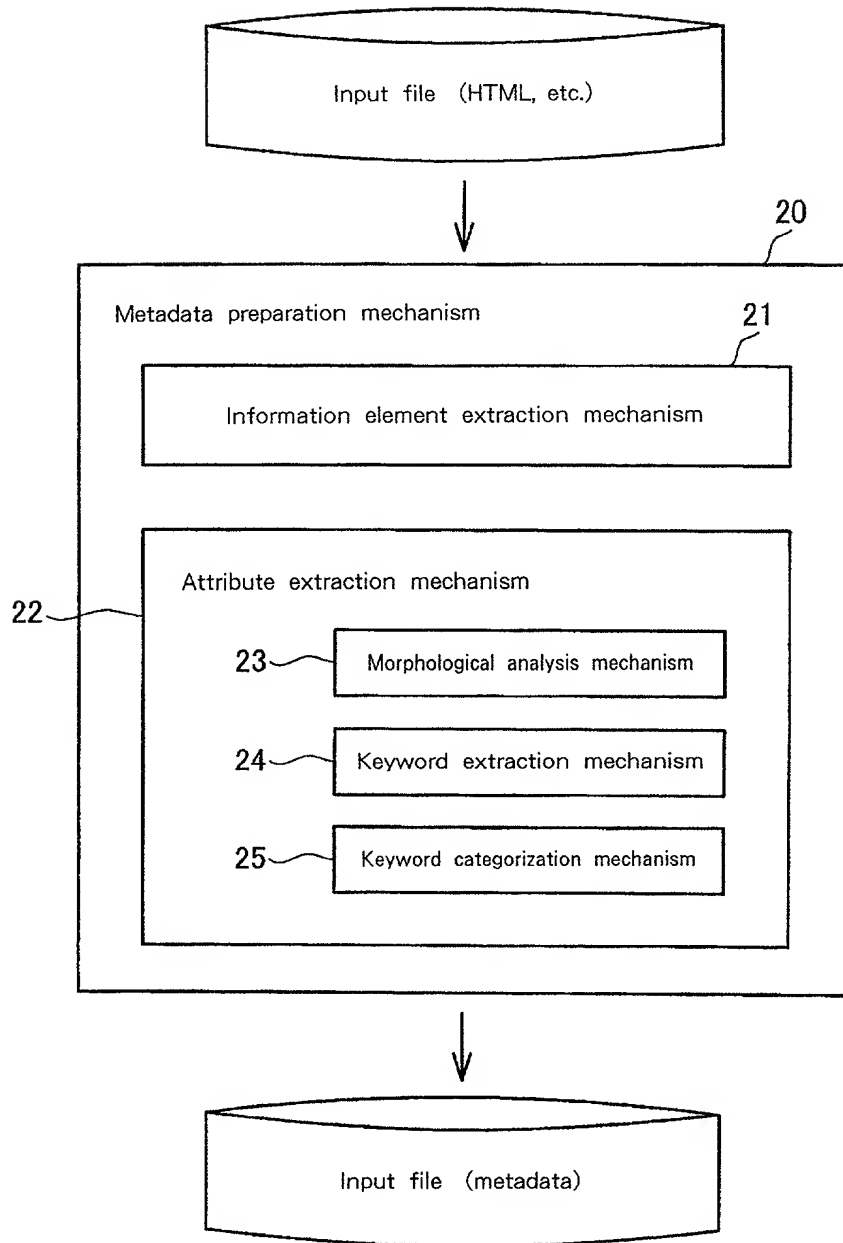


Fig. 4

Example link

Expression in an HTML file

```
<a href="http://www.ibm.com/jp/software/data/udb/v7/seminar.html">DB2 UDB V7 open free seminar</a>
```

Extracted information elements

```
<anchor>
// title of a link
<DCtitle>DB2 UDB V7 open free seminar</DCtitle>
// URL
<url>http://www.ibm.com/jp/software/data/udb/v7/seminar.html</url>
// extracted keywords
<kwds>
//      keywords      // categories of keywords
<kwd><word>DB</word><class>T0</class></kwd>
<kwd><word>UDB</word><class>T0</class></kwd>
<kwd><word>V</word><class>T0</class></kwd>
<kwd><word>seminar</word><class>I3</class></kwd>
<kwd><word>open</word><class>I3</class></kwd>
<kwd><word>free</word><class>I3</class></kwd>
</kwds>
</anchor>
```

Fig. 5

Example text block

Expression in an HTML file

industry talk / this week's e - column

Extracted information elements

```
<text>
// text portion
<DCdescription>industry talk / this week's e - column
</DCdescription>
<kwds>
<kwd><word>e</word><class>T0</class></kwd>
<kwd><word>industry</word><class>T0</class></kwd>
<kwd><word>column</word><class>11</class></kwd>
<kwd><word>talk</word><class>13</class></kwd>
<kwd><word>this week</word><class>11</class></kwd>
</kwds>
</text>
```

Fig. 6

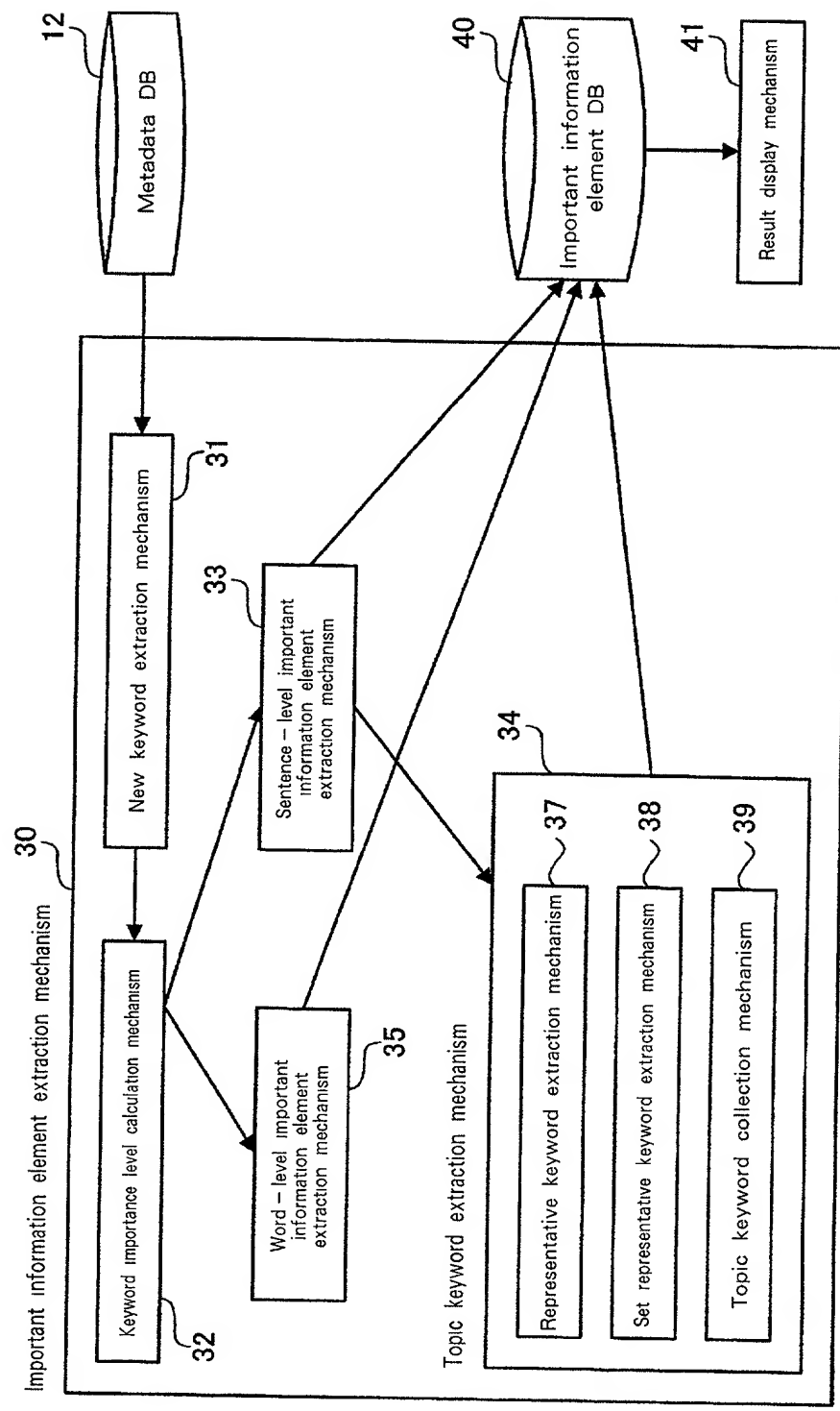


Fig. 7

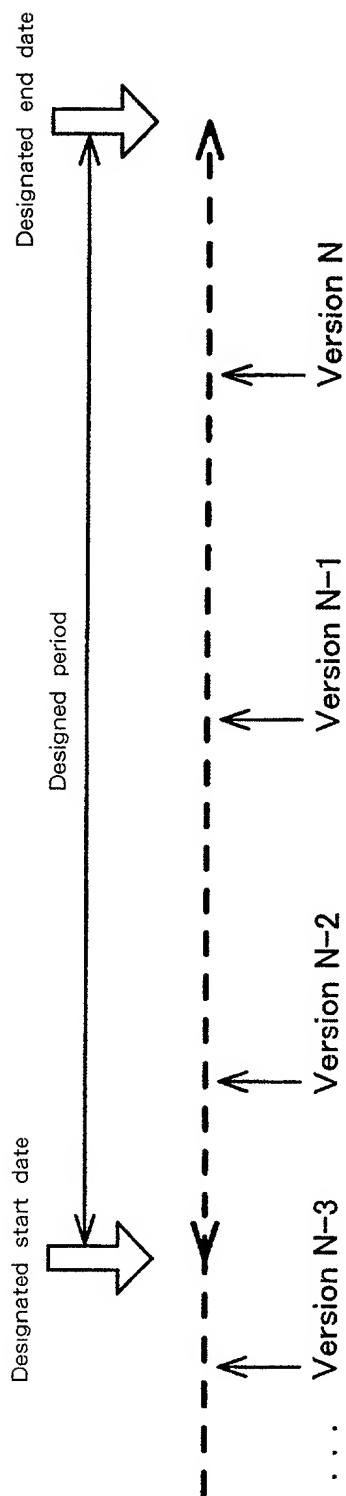


Fig. 8

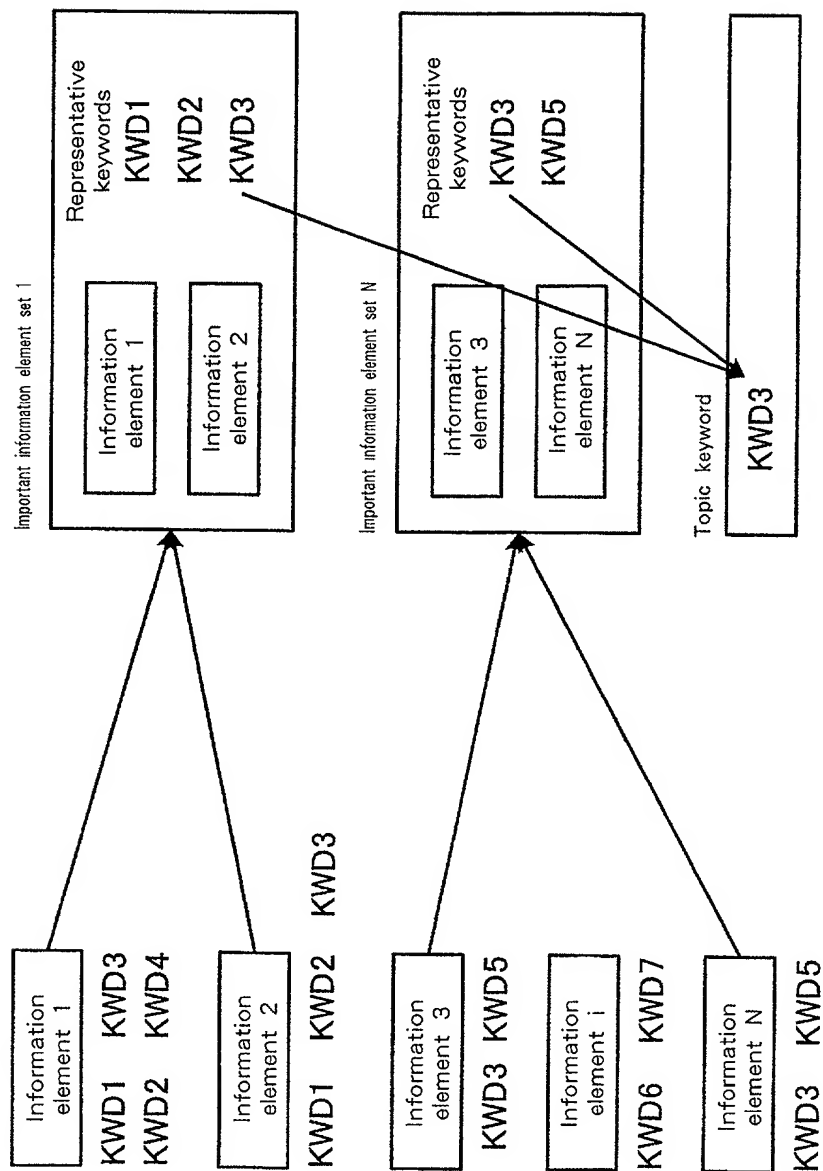


Fig. 9

Display of sentence - level important information element sets

12/08

12/07

12/08

12/07

12/06

12/08

12/07

12/06

12/08

12/07

12/06

Fig. 10

IBM Information

Topic keywords	Announced (4)	IBM (3)	President (2)	Software (2)
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12/08 65

> > Announced software for constructing the e - marketplace
 > > Joint development with company A for MRAM technique
 > > IBM Japan ranked second through environmental management research - canvassed by GHI news agency -
 > > Announced new model "Aptiva X series" of liquid crystal integration type (12/6)
 > > Company B announced API that permits Java and XML to interact with each other (12/4, CNJ)
 > > Notification of the opening of a lobby area at the operating office of IBM
 > > IBM, ranked top by database comparison performed by InfoWorld (12/5)
 > > President's report (23) - from junior blue forum (1)

12/06

> > Speech by president Otoshi - Fujisawa town meeting (2000/11/29) (12/4)
 > > IBM software product received the writers choice award for Java Report in five departments
 > > Announced new entry model of IntelliStation (12/5)

IBM information

Topic keywords	Announced (4)	IBM (3)	President (2)	Software (2)
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12/08 ← 65
12/07 ← 69

▼ <2> President's report (23) — from junior blue forum (1)

12/07 ★ President report (23) "Put much value on it even though it may have happened casually" [IBM Japan]

12/07 ★ President's report (23) — from junior blue forum (1) [Tokyo Research Laboratory]

12/06

▼ <4> Speech by president Otoshi — Fujisawa town meeting (2000/11/29) (12/4)

12/06 ★ Speech of president Otoshi — Fujisawa town meeting (2000/11/29) (12/4) [Yamato Software Laboratory]

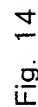
12/05 ★ Q. & A. to president Otoshi — Fujisawa town meeting (2000/11/29) [IBM Japan]

12/05 Fujisawa town meeting (2000/11/29) [Tokyo Research Laboratory]

12/05 ★ Speech by president Otoshi — Fujisawa town meeting (2000/11/29) [IBM Japan]

Fig. 12

Fig. 14



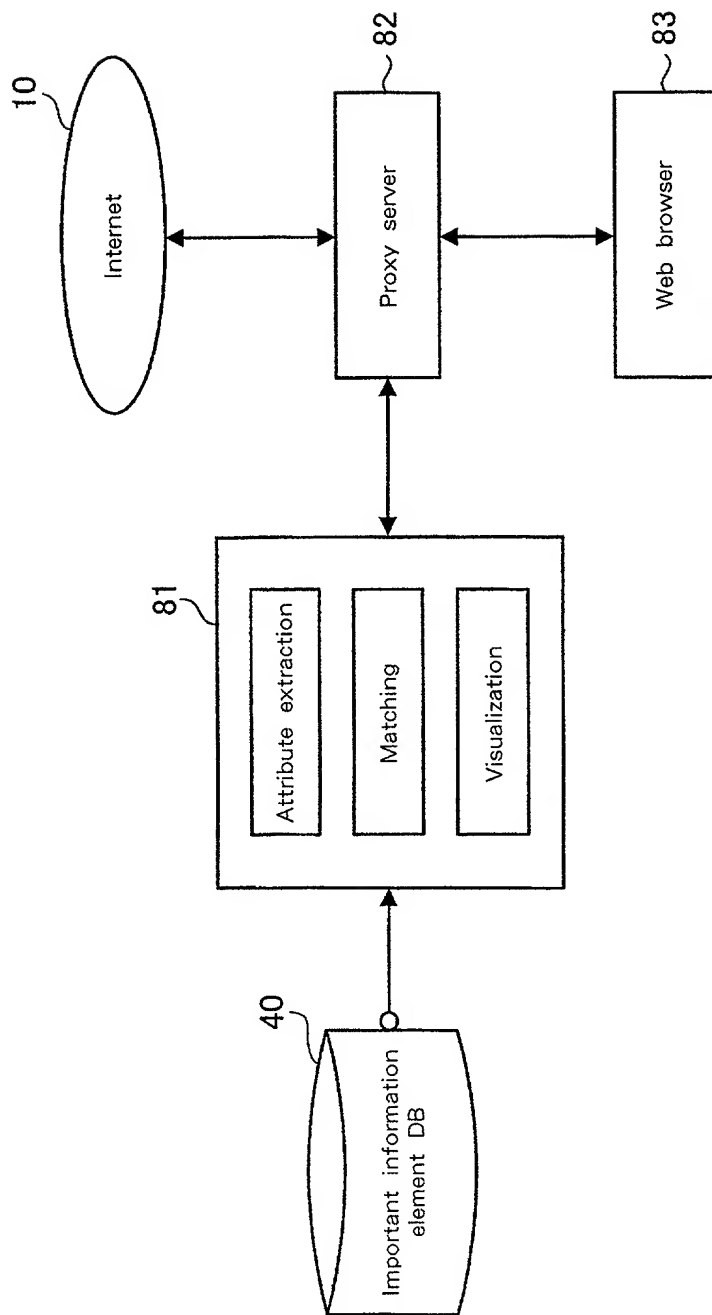


Fig. 15